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Serial No.: 10/664,890  
UGHRUE Tel. No. 202-293-7060  
or: DATA WRITING APPARATUS, DATA  
WRITING/READING APPARATUS, DATA  
WRITING METHOD AND...  
Art Unit: 2189  
Conf. No.: 4268  
Ref. No.: Q77475

REPLACEMENT SHEET 1 of 13

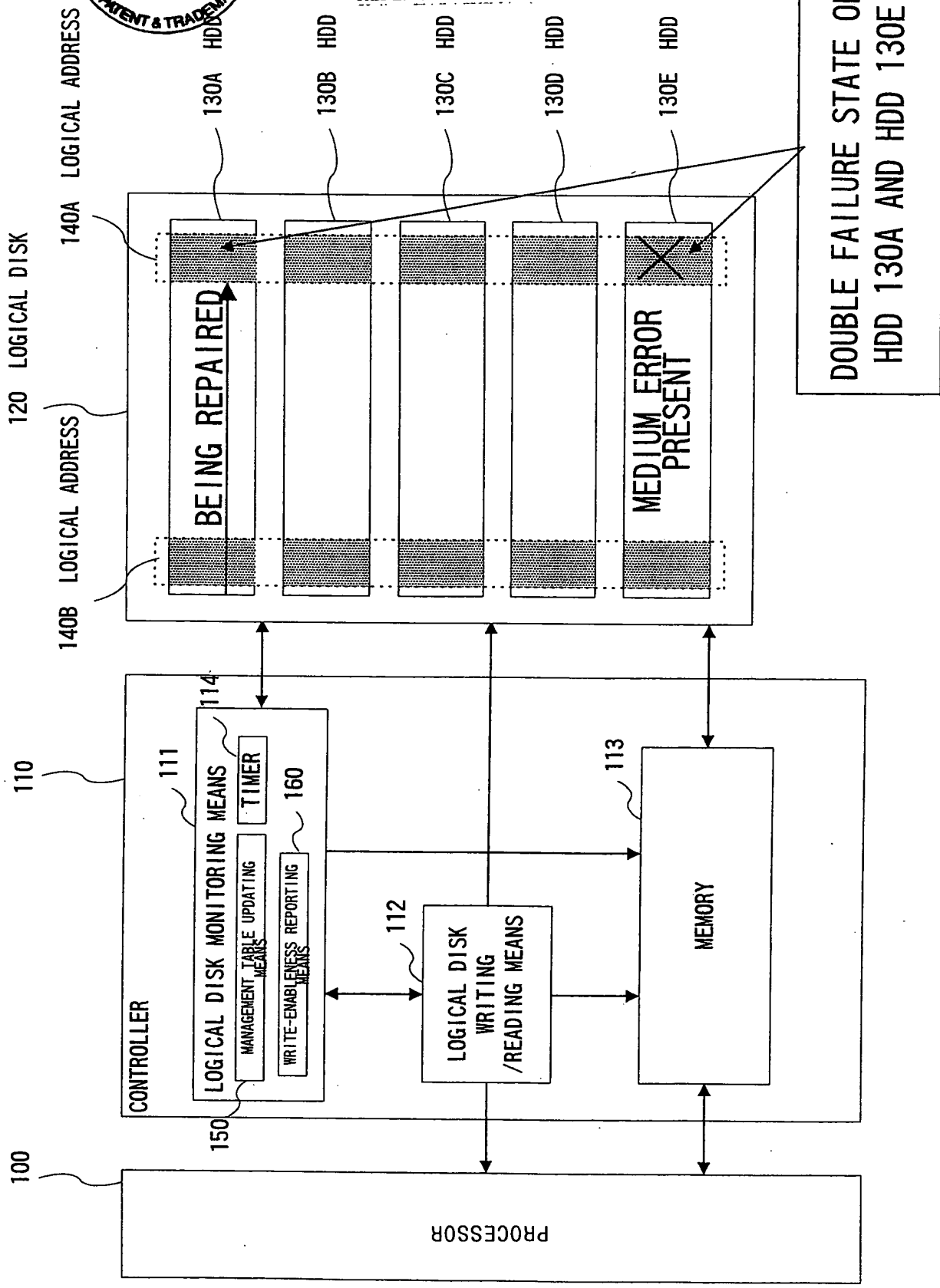


FIG.1

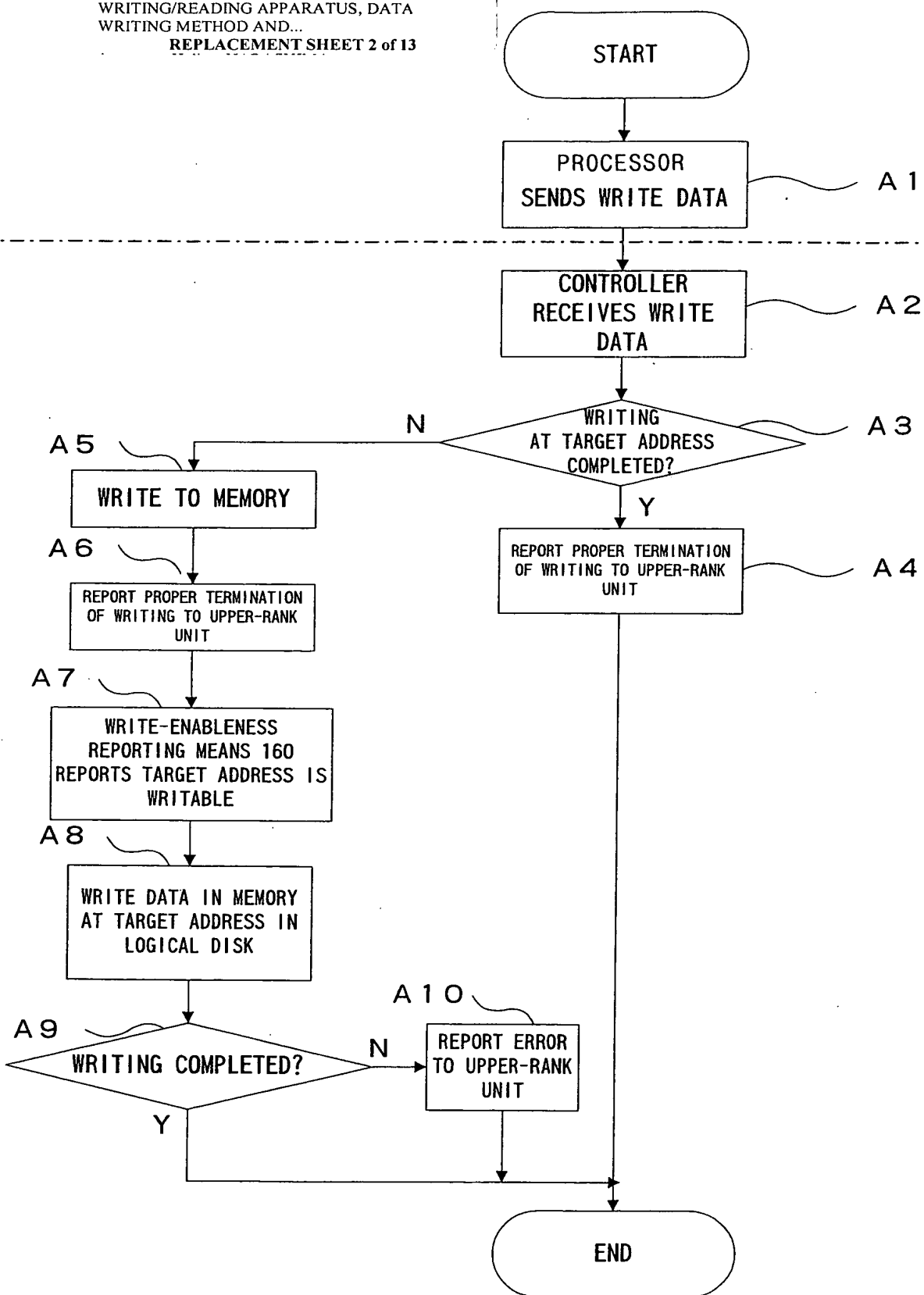


FIG. 2

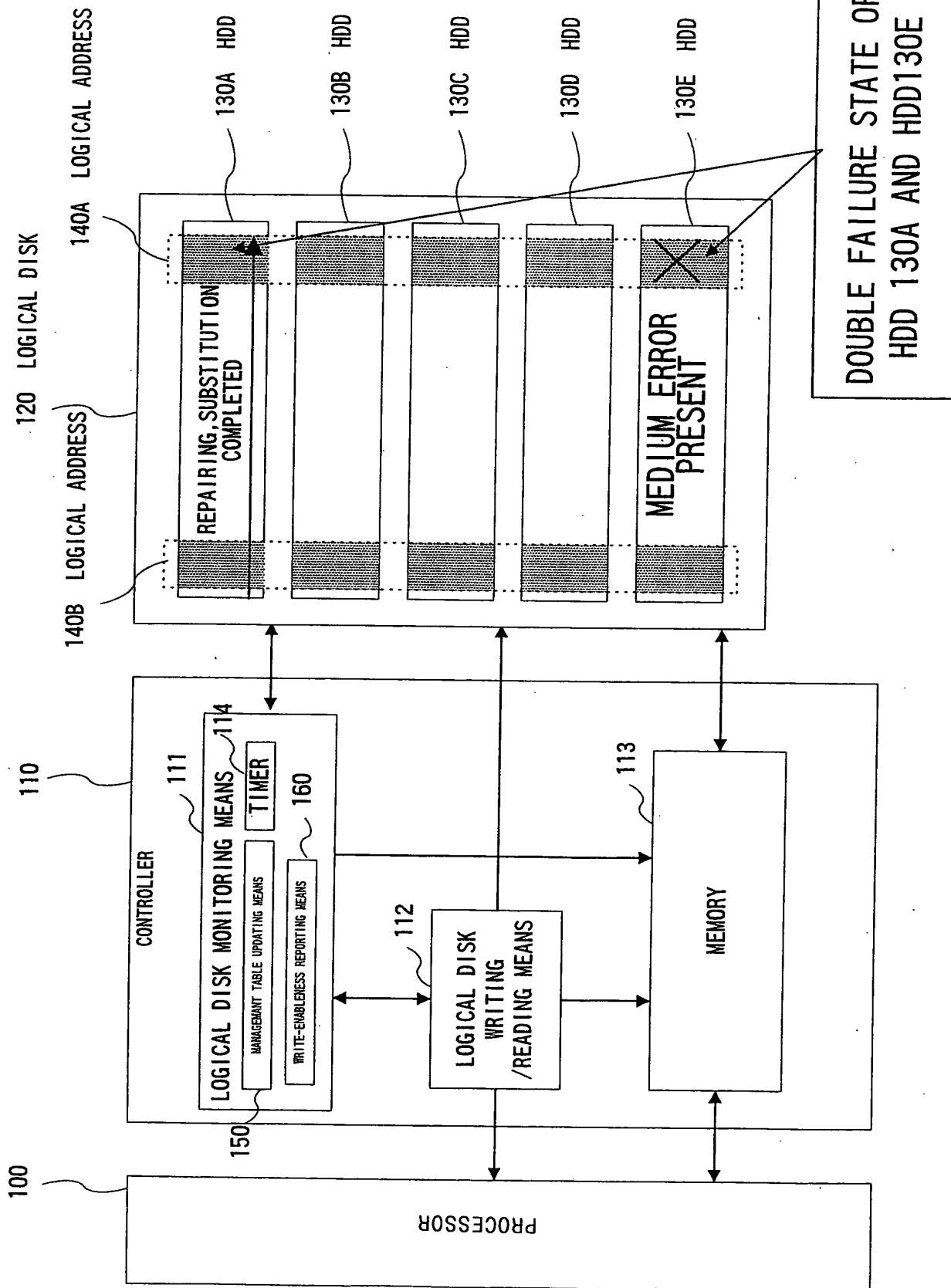


FIG. 3

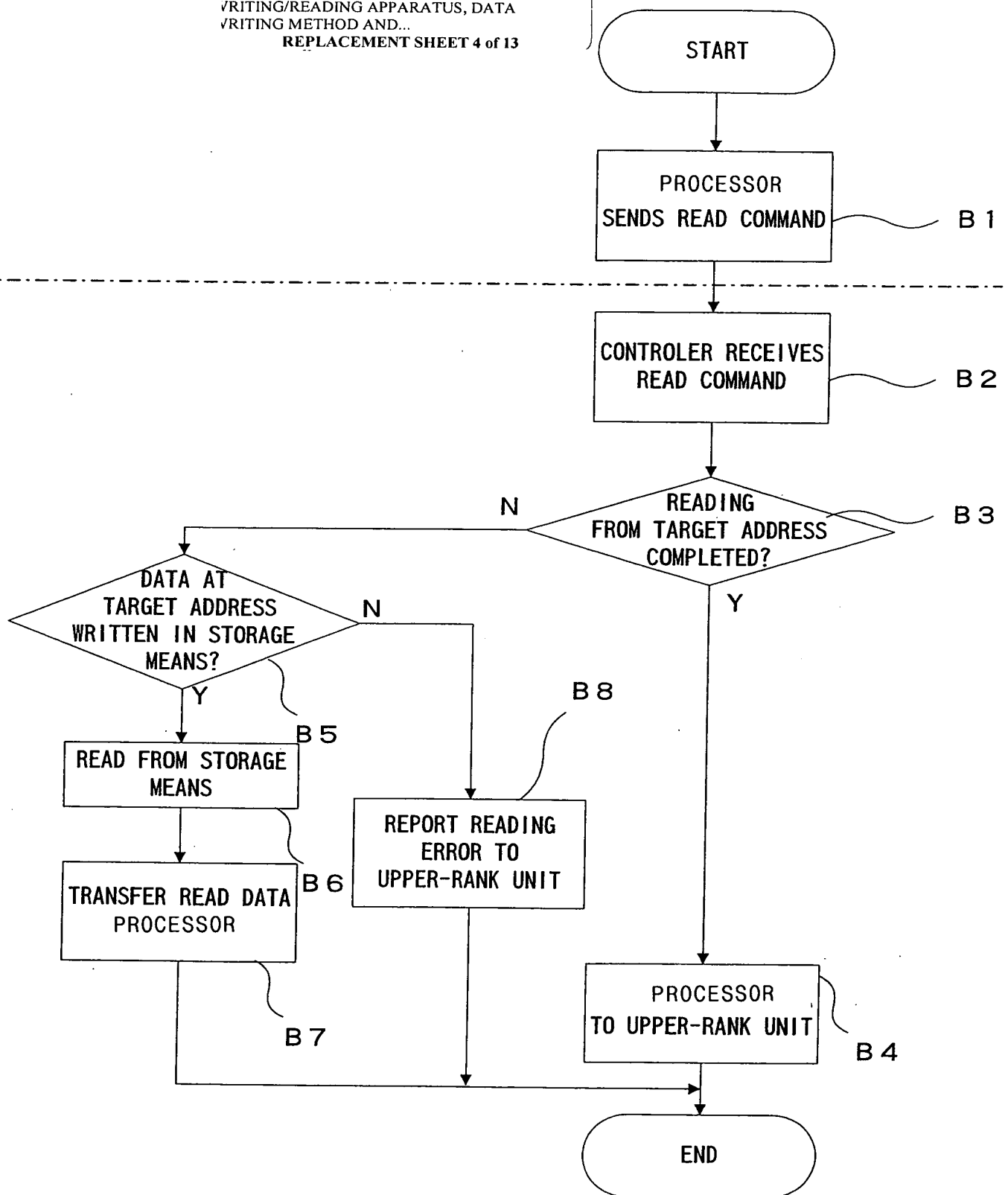


FIG.4

MANAGEMENT TABLE 151

LOGICAL ADDRESS	...	140B	...	140A	...
1. Repair					
2. REASSIGN DONE/UNDONE					
3.	Read				
	Write				

FIG.5

LOGICAL ADDRESS	140A	
1. Repair	Repairskip	
2. REASSIGN DONE/UNDONE	Reassign OK	
3. Read / Write	READ NG	WRITE OK

**FIG.6**

LOGICAL ADDRESS	140B
1. Repair	Repair OK
2. REASSIGN DONE/UNDONE	
3. Read / Write	<div>READ OK</div> <div>WRITE OK</div>

FIG.7

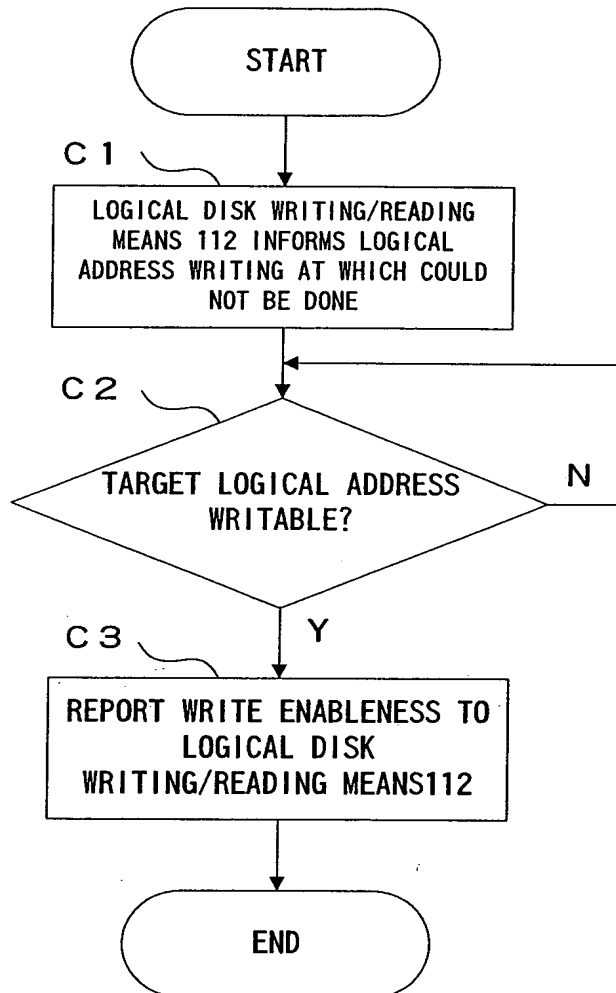


FIG. 8



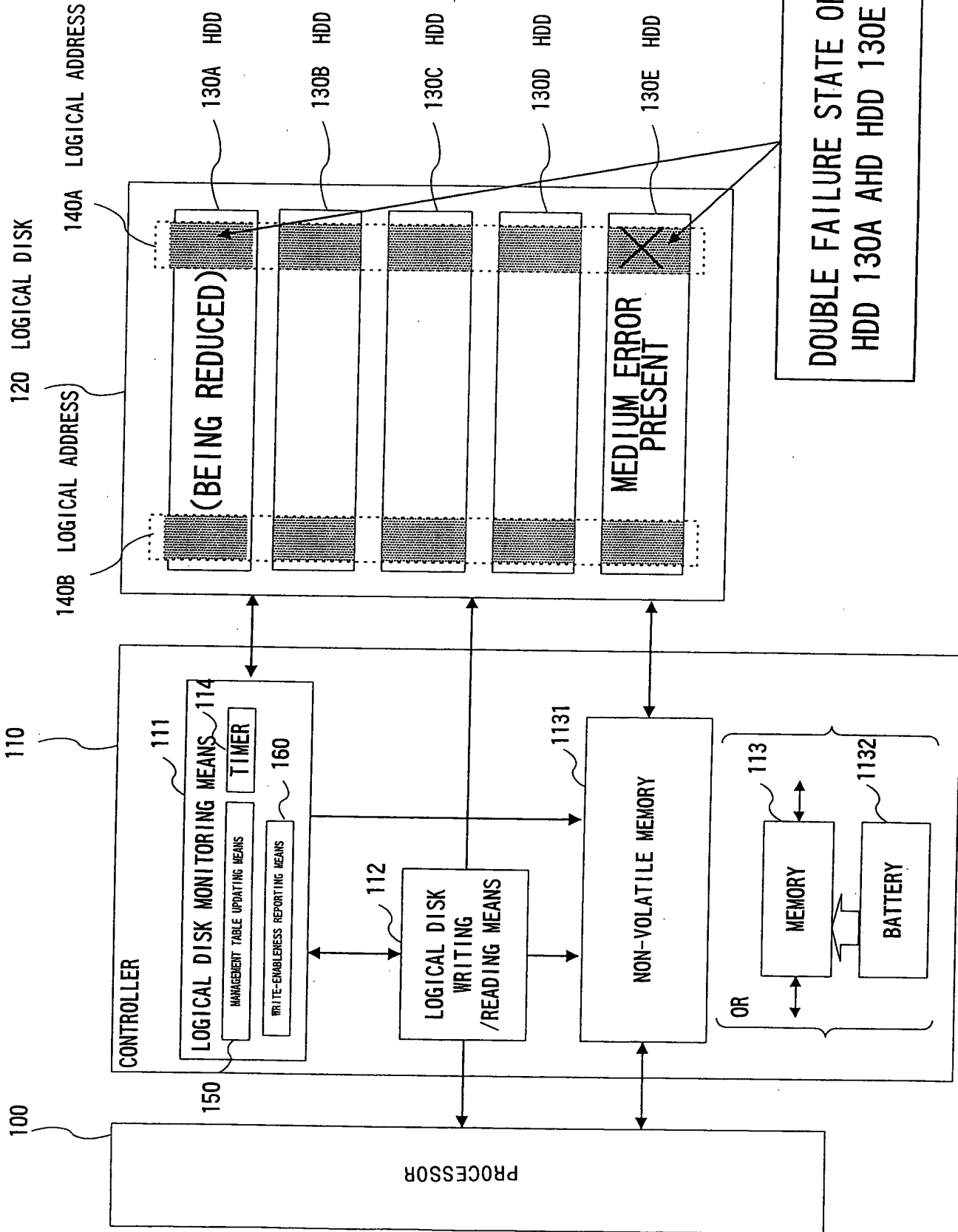


FIG. 9

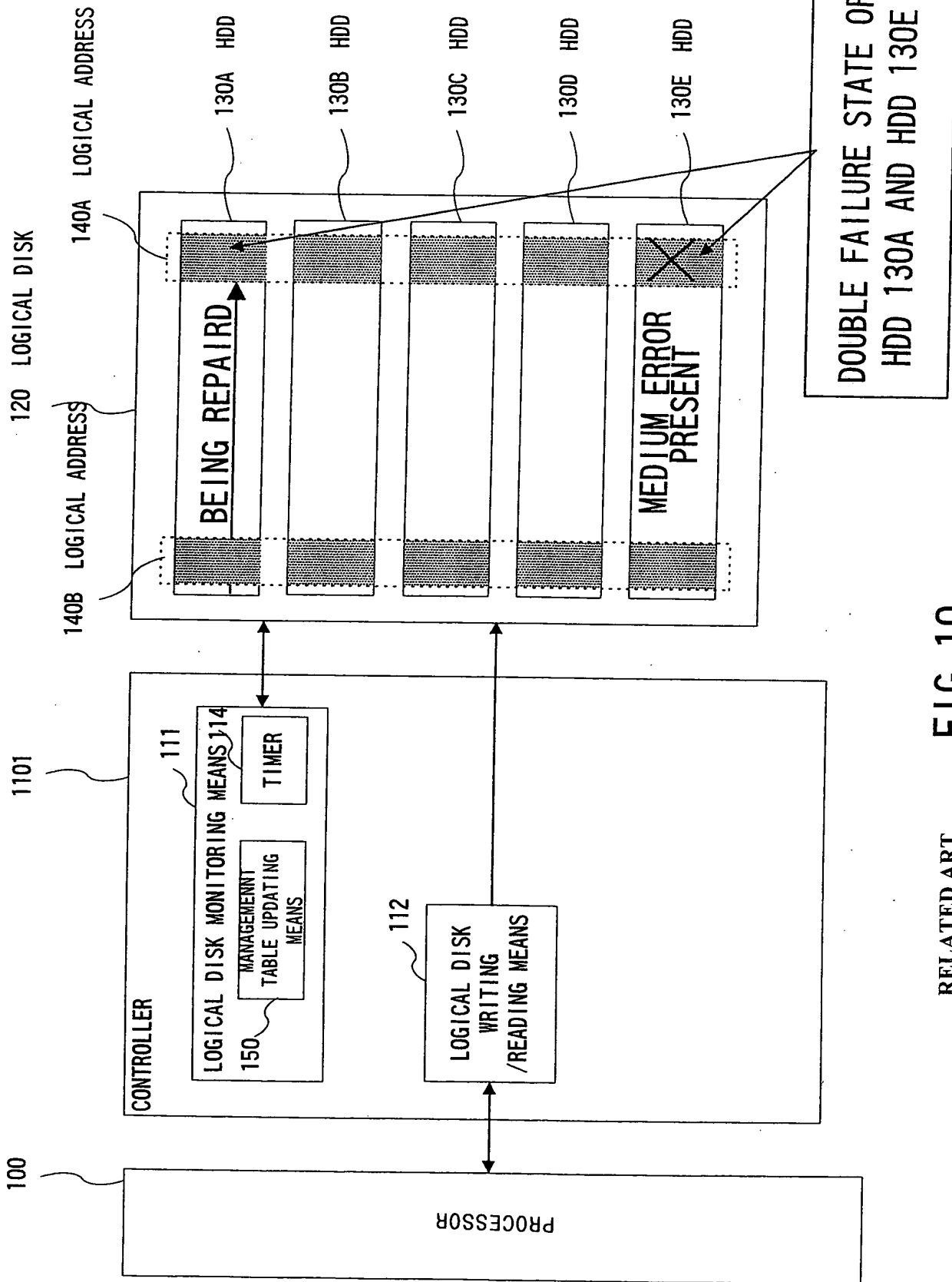


FIG.10

RELATED ART

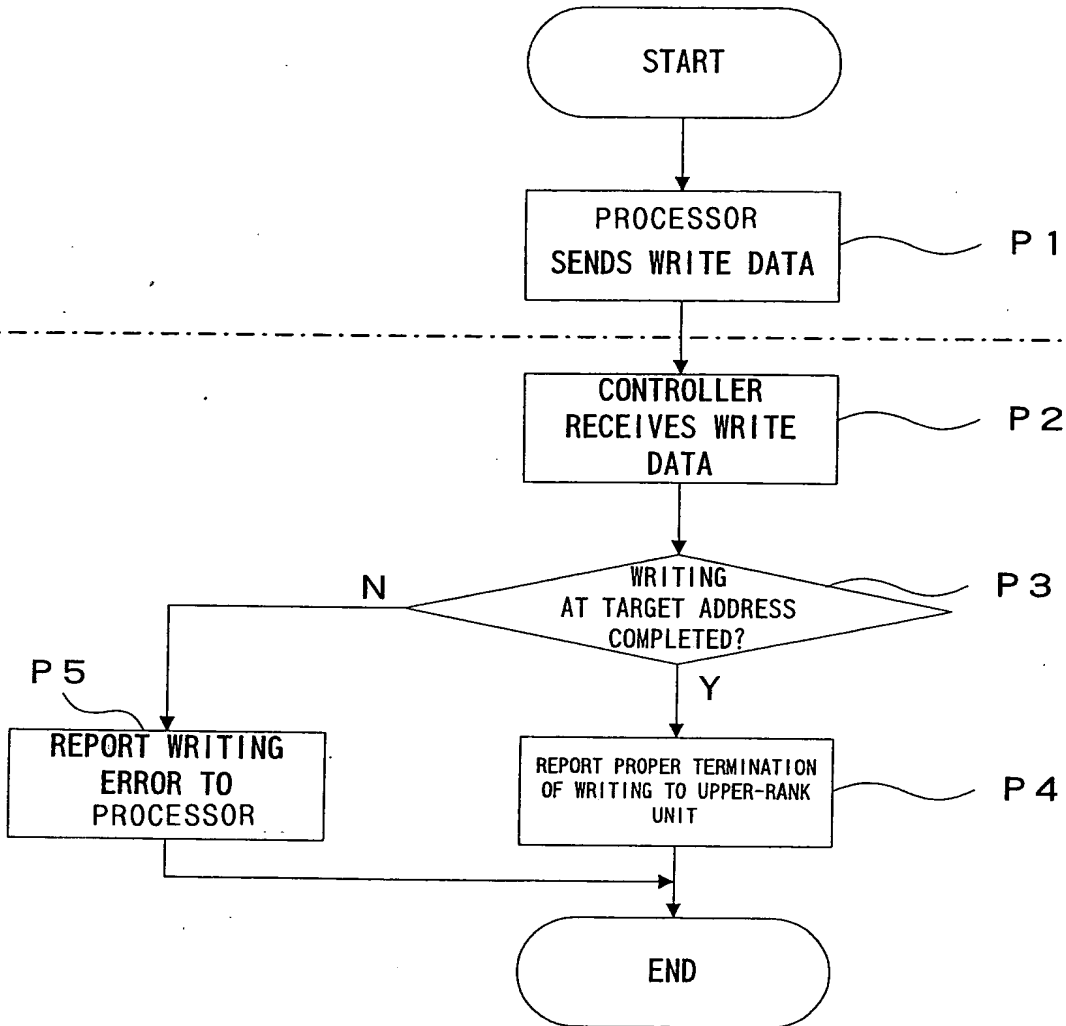


FIG. 11

PRIOR ART

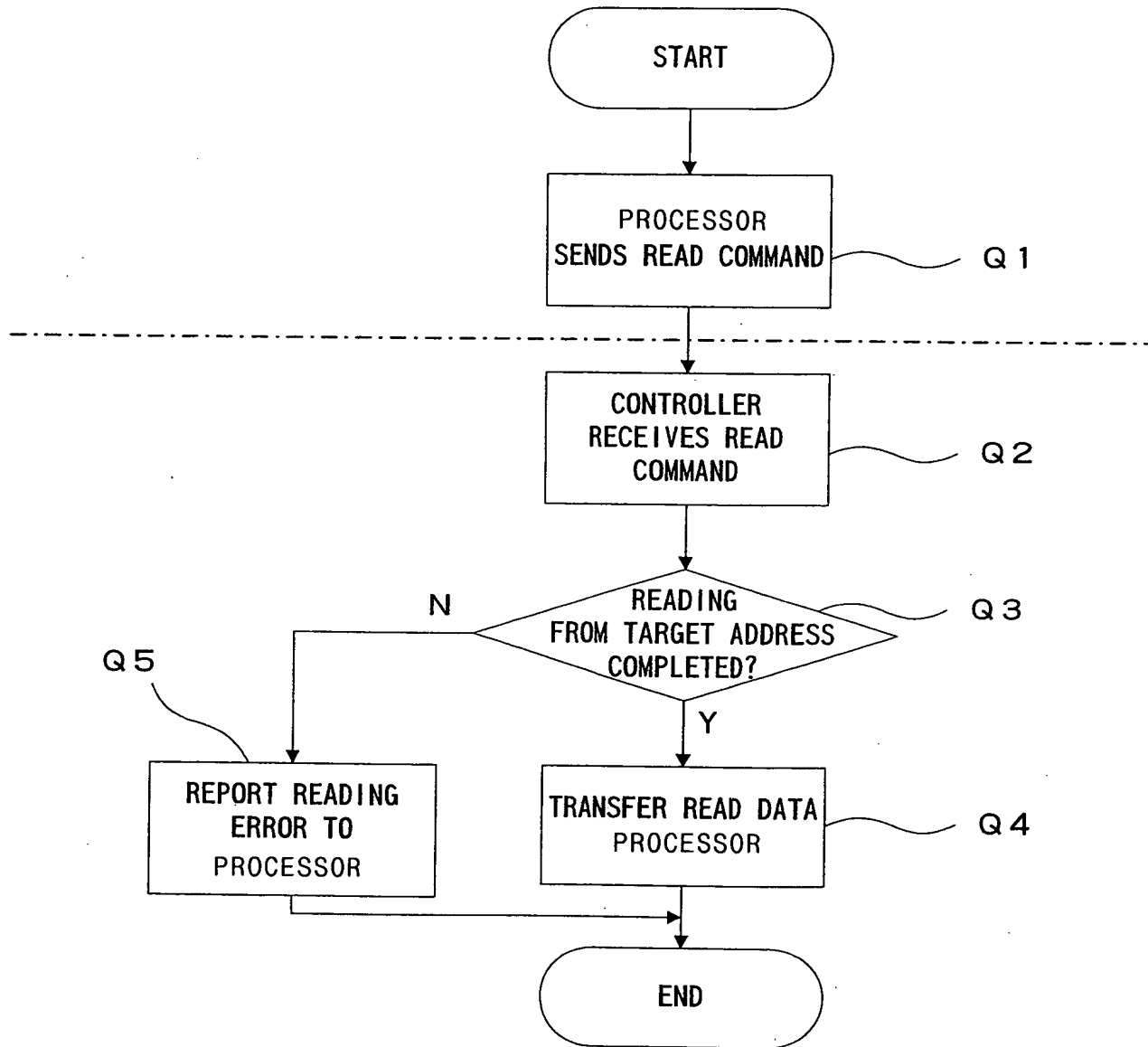


FIG. 12

PRIOR ART

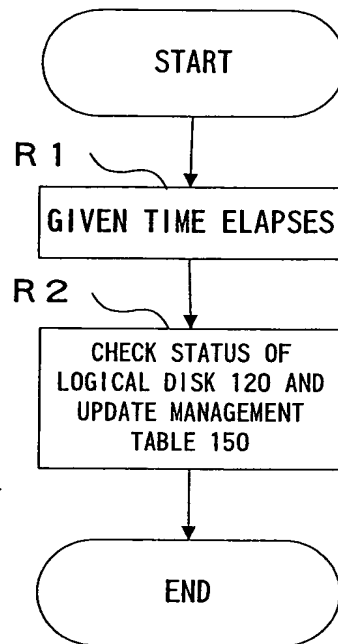


FIG. 13

RELATED ART